

MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

OCTOBER 1931

TEMPERATURE

Over the greater part of the Dominion the month averaged warmer than a normal October. In southern Quebec, Ontario and Manitoba, the excess was generally 4 to 6 degrees. In the grain areas of Saskatchewan the excess was 2 to 4 degrees except the extreme southwest where there was a slight deficiency below normal warmth. In Alberta temperatures averaged normal in the central regions with a slight excess in the southwest and about 4 degrees excess on the Grande Prairie.

In British Columbia there was an excess of 2 degrees in the most southerly districts but a slight deficiency in the central interior.

In the Atlantic Provinces the general excess was about 2 degrees but some points in New Brunswick had excess of 3 to 4 degrees while on the southwestern tip of Nova Scotia there was a deficiency.

Over the far north there was a general excess except on the Mackenzie Delta where there was a small deficiency. In the regions immediately west and south of Hudson Bay the excess was 8 to 11 degrees.

PRECIPITATION

In the extreme southern districts of Vancouver Island and along the southeastern shores, rainfall was 15 per cent. to 35 per cent. less than the normal October amount. Further north and in the interior of the Island there was an excess over normal, which in some districts was 30 per cent. Rainfall was nearly normal at the mouth of the Fraser but upstream as far as Agassiz there was a deficiency of 30 per cent. to 70 per cent. For the lower Fraser valley the deficiency averaged about 35 per cent. In the southern interior valleys the deficiency was about 10 per cent., while in the upper Fraser region there was an excess of 25 per cent.

In the western wheat regions October rainfall was generally light. The deficiency was 30 per cent. on the Grande Prairie, 25 per cent. from Edmonton to the Red Deer valleys, 65 per cent. in southern Alberta, 40 per cent. in northern and eastern Saskatchewan, 70 per cent. in southern Saskatchewan and 50 per cent. in western Manitoba. In south central and southeastern Manitoba there was an excess of 60 per cent.

In northern Ontario precipitation was in excess of normal by 35 per cent. and in the Georgian Bay and Lake Huron counties by 5 per cent. The deficiency in the Lake Erie districts and the Niagara Peninsula was 25 per cent., in the Lake Ontario counties 15 per cent. and in eastern Ontario 40 per cent.

In southwestern Quebec the deficiency was 25 per cent. Along the lower St. Lawrence and the Gulf the deficiency was only 5 per cent. but in the northwestern districts 15 per cent. In the Lake St. John and upper St. Maurice region there was an excess of about 15 per cent.

In New Brunswick there was an excess of 25 per cent. but in Nova Scotia a deficiency of 25 per cent. Charlottetown on Prince Edward Island reported a deficiency of about 50 per cent. In central and western New Brunswick heavy rains during the latter half of the month caused washouts and damage to highways. Some points in New Brunswick had an excess of about 90 per cent. although some others, especially in the southeast, had less than the normal amount.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month.

BRITISH COLUMBIA

STATION	H	L	P	I	STATION	H	L	P	I	STATION	H	L	P	I
Victoria.....	68°	43°	1.4	152	New Westminster..	70°	38°	4.6		Greenwood.....	72°	17°	0.5	
Goldstream Lake..	...	...	5.4		White Rock.....	71°	38°	2.5		Creston.....	77°	25°	1.4	
Sooke.....	70°	33°	4.1		Chilliwack.....	68°	33°	3.6		Kaslo.....	66°	29°	2.1	
Port Alberni.....	79°	38°	9.1		Agassiz.....	75°	34°	2.1	128	Cranbrook.....	73°	19°	0.7	
Shawnigan Lake..	72°	34°	2.8		Armstrong.....	65°	24°	1.9		Glacier.....	56°	25°	3.7	
Nanaimo.....	68°	37°	2.7	136	Salmon Arm.....	75°	29°	1.9	119	Golden.....	74°	17°	0.5	
Duncan.....	75°	30°	2.1		Kamloops.....	...	...	0.5		Quesnelle.....	71°	21°	1.9	
Lake Cowichan....	65°	37°	7.0		Vernon.....	80°	28°	1.7	141	Prince George....	66°	23°	2.1	
Courtenay.....	...	...	4.9		Penticton.....	80°	27°	0.6		Prince Rupert....	49°	35°	13.4	
Vancouver.....	70°	37°	5.2	125	Rossland.....	68°	28°	2.4						

ALBERTA

STATION	H	L	P	I	STATION	H	L	P	I
<i>Peace River</i>					Seven Persons....			0.2	
Beaver Lodge.....	76°	19°	0.7	118	Macleod.....			0.5	
(Grande Prairie)					Cardston.....			0.2	
<i>Northern</i>					Maycroft.....			0.2	
Edmonton.....	71°	16°	1.0	199	Cowley.....			0.1	
Hanna.....			0.2		Lacombe.....			0.4	
Vermilion.....			0.8		Beaver Mines....			0.2	
Wetaskiwin.....			0.3		Three Hills.....			0.1	
Wabamun.....			1.2		Lethbridge.....			0.7	
Lougheed.....			0.5		Jenner.....			0.5	
Radway.....			0.4		Craigmyle.....			0.2	
Coronation.....			0.0		<i>Mountain Valleys</i>				
Perbeck.....			0.1		Lake Louise.....			1.8	
Meanook.....			0.3		Entrance.....			1.9	
Naco.....			0.3		Rocky Mountain				
<i>Southern</i>					House			0.2	
Calgary.....	76°	16°	0.2	185	Exshaw.....			1.0	
Medicine Hat.....	81°	14°	0.1	201	Radium Hot				
Alsask.....			0.5		Springs			0.2	
					Coalspur.....			1.2	

SASKATCHEWAN

<i>Northern and Eastern</i>					Rosetown.....			1.0	
Battleford.....	73°	16°	0.5		Francis.....			0.2	
Prince Albert.....	70°	23°	0.2		Gravelbourg....			0.0	
Waseca.....			0.0		Assiniboia.....			0.2	
Scott.....	68°	13°	0.5	180	Dundurn.....			0.5	
Carlyle.....			0.2		Chaplin.....			0.2	
Whitewood.....			0.2		Indian Head.....			0.4	
Saskatoon.....			0.6		Shaunavon.....			0.0	
Muenster.....			0.9		Yellow Grass....			0.3	
Quill Lake.....			1.4		Willow Creek....			0.0	
Dana.....			0.5		Regina.....			0.3	
Biggar.....			0.7		Nashlyn.....			0.0	
Lintlaw.....			1.7		Hubbard.....			0.8	
Prongua.....			0.6		Ft. Qu'Appelle..			0.6	
Yorkton.....			0.7		Leitchville.....			0.0	
Kamsack.....			0.6		Gull Lake.....			0.0	
Macklin.....			0.2		Caron.....			0.3	
St. Walburg.....			0.2		Midale.....			0.1	
Prince.....			0.3		Wapashoe.....			0.2	
Nokomis.....			1.4		Davidson.....			0.5	
<i>Southern and Central</i>					Marquis.....			0.4	
Swift Current....	78°	8°	0.2	214	Strassbourg.....			0.4	
Moose Jaw.....	77°	18°	0.4	192	Strongfield.....			0.6	
Qu'Appelle.....	74°	20°	0.5	186	Leader.....			0.3	
					Vidora.....			0.0	

MANITOBA

STATION	H	L	P	I	STATION	H	L	P	I
Le Pas.....	68°	26°	1.9	166	Treesbank.....	82°	24°	1.1	
Minnedosa.....	78°	24°	1.1		(St. Albans)				
Winnipeg.....	84°	30°	2.1	144	Pinawa.....	76°	27°	0.9	
Russell.....	73°	16°	0.4		Brandon.....	81°	21°	0.5	151
Morden.....	83°	31°	2.6		Birtle.....	78°	19°	0.3	
Morden.....	85°	30°	2.7	218	Sprague.....	78°	21°	2.5	
(Experimental Farm)					Emerson.....	80°	25°	2.3	
Morris.....	84°	26°	3.0		Hamiota.....	80°	18°	...	
Treherne.....	82°	27°	2.0		Portage la Prairie..	83°	30°	1.2	
Dauphin.....	79°	22°	0.5		Ninette.....	80°	25°	1.2	
Virden.....	82°	21°	0.2		Cypress River.....	81°	26°	1.4	
Pierson.....	78°	20°	0.3						

ONTARIO

Atikokan.....	74°	17°	3.0		Barrie.....	78°	29°	2.9	
Mine Centre.....	77°	21°	2.5		Walkerton.....	84°	23°	3.4	
Ignace.....	77°	19°	3.6		Mount Forest.....	79°	24°	1.6	
Kenora.....	73°	23°	1.4		Brucefield.....	77°	30°	3.1	
Sioux Lookout....	75°	23°	3.1		Southampton.....	78°	32°	3.5	
Port Arthur.....	73°	31°	7.8		Stratford.....	80°	30°	2.6	
Quorn.....	75°	24°	1.8		London.....	80°	30°	2.1	
White River.....	76°	18°	3.5		Woodstock.....	76°	30°	2.4	177
Schreiber.....	66°	30°	6.0		Paris.....	81°	30°	2.4	
Blind River.....	73°	26°	3.1		Alton.....	78°	23°	2.5	
Chapleau.....	78°	24°	3.7		Harrow.....	81°	35°	0.9	162
Ruel.....	77°	23°	1.8		Simcoe.....	80°	27°	2.5	
Cochrane.....	78°	27°	3.8		Toronto.....	77°	34°	2.0	176
Haileybury.....	77°	27°	2.6		Beeton.....	88°	—	2.0	
Heaslip.....	78°	20°	2.4		Bloomfield.....	78°	23°	2.5	
Kapuskasing.....	73°	26°	3.6	95	Queensboro'.....	75°	22°	1.2	
Algonquin Park...	77°	23°	2.4		Peterboro'.....	80°	25°	1.8	
Madawaska.....	82°	10°	2.8		Kingston.....	73°	31°	2.5	174
Montreal River...	77°	21°	3.2		Brockville.....	77°	32°	1.6	
Crystal Falls.....	76°	22°	6.3		Morrisburg.....	78°	26°	1.2	
Providence Bay...	73°	24°	3.3		Ottawa.....	82°	30°	1.8	
Parry Sound.....	75°	30°	3.8		Ottawa (Exp. Farm)	80°	26°	1.7	156
Scotia Junction...	75°	21°	2.6		Renfrew.....	80°	24°	1.7	
Walker's Point...	79°	25°	3.7	165	Pembroke.....	84°	23°	1.8	
Beatrice.....	77°	20°	4.8		Clontarf.....	80°	20°	1.6	

QUEBEC

Cedars.....	79°	32°	2.5		Chicoutimi.....	75°	31°	4.6	
Macdonald College.	72°	30°	2.6		Roberval.....	80°	27°	2.6	
Montréal.....	76°	35°	3.9	143	Albanel.....	75°	23°	3.0	112
Farnham.....	78°	27°	3.4	120	Manouan.....	76°	22°	1.6	
Brome.....	77°	25°	3.8		Lake Kempt.....	74°	14°	2.6	
Nicolet.....	78°	28°	2.6		La Tuque.....	81°	23°	1.9	
Sorel.....	79°	22°	3.0		Chute à Murdock..	81°	26°	4.6	
Lennoxville.....	80°	22°	2.4	142	La Loutre Rapids..	75°	26°	3.4	
Sherbrooke.....	78°	27°	1.7	137	Joliette.....	75°	25°	1.9	
Drummondville...	79°	27°	2.5		Huberdeau.....	78°	23°	1.9	
Beauceville.....	78°	25°	3.5		St. Lin				
Lake Mégantic....	74°	24°	4.0		des Laurentides	82°	25°	2.4	
Cap Rouge.....	75°	28°	3.4	96	Maniwaki.....	76°	24°	2.1	
Québec.....	79°	31°	4.5	98	St. Gabriel de				
St. Joachim.....	74°	29°	3.9		Brandon	80°	18°	2.5	
Armagh.....	78°	19°	3.4		La Ferme.....	79°	28°	2.6	106
Seven Falls.....	71°	22°	4.6		Ville Marie.....	76°	30°	2.5	
Ste. Anne de la					Mont Laurier....	78°	30°	3.3	
Pocatière	70°	29°	4.1	113	Temiskaming.....	77°	27°	2.6	
La Malbaie.....	79°	25°	3.8		Gaspé.....	77°	24°	1.5	

ATLANTIC PROVINCES

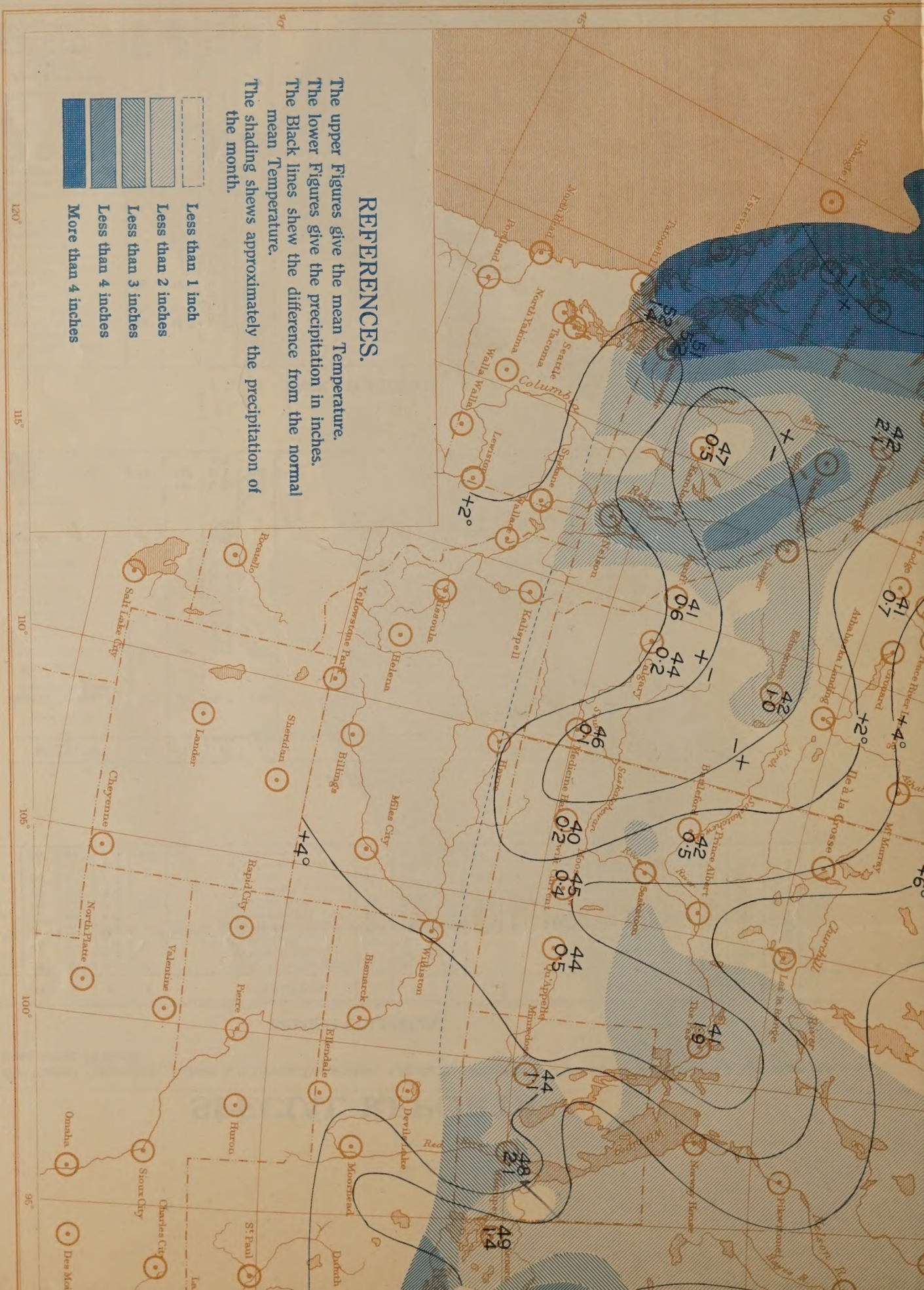
Saint John.....	71°	34°	5.0	120	Sussex.....	74°	25°	2.4	
Aroostook.....	78°	26°	5.4		Halifax.....	69°	31°	3.8	
Bathurst.....	79°	23°	5.0		Digby.....	74°	31°	2.9	
Chatham.....	76°	27°	5.0		Kentville.....	76°	28°	2.2	124
Edmundston.....	76°	28°	3.7		Nappan.....	75°	27°	2.4	123
Fredericton.....	76°	28°	6.7	121	Sydney.....	72°	32°	2.4	
Fredericton.....	76°	27°	6.1	124	Truro.....	72°	25°	2.5	
(Experimental Farm)					Upper Stewiacke...	74°	21°	2.0	
Gagetown.....	72°	30°	3.3		Wolfville.....	76°	30°	2.4	130
Harvey.....	79°	28°	7.5		Yarmouth.....	71°	34°	4.4	
Moncton.....	77°	25°	3.2		Charlottetown....	69°	34°	2.2	
Musquash.....	73°	23°	5.1		Charlottetown....	72°	28°	2.9	146
McAdam.....	75°	27°	5.6		(Experimental Farm)				
Rexton.....	75°	28°	3.8						



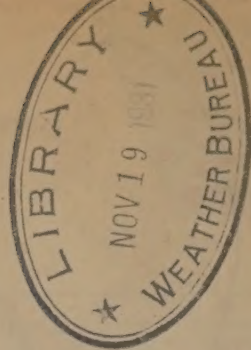
MAP

from normal mean temperature; also total precipitation month.









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